

1. (Amended) A mixing apparatus comprising a plurality of vertically-arranged levels of mixing compartments, each level of mixing compartments comprising  $M^N$  compartments where  $M \geq 2$  and  $N \geq 2$ , each compartment having an openable bottom, each level of compartments being rotationally displaceable relative to the adjacent level or levels, and there being at least  $N+1$  levels of mixing compartments.

2. (Amended) A mixing apparatus according to claim 1, the compartments being angularly spaced, each compartment being disposed outwardly from a common origin, the centre of each compartment being equiangularly displaced from the centre of each adjacent compartment.

3. (Amended) A mixing apparatus according to claim 1, the first and subsequent alternate levels being in a fixed position and the second and subsequent alternate levels being moveable.

4. (Amended) A mixing apparatus according to claim 1, the first and subsequent alternate levels being moveable and the second and subsequent alternate levels being in a fixed position.

5. (Amended) A mixing apparatus according to claim 1, wherein  $M=2$  and  $N=3$ .

8. (Amended) A method of mixing matter according to claim 6, additionally comprising the step of releasing the mixed matter for collection.

Please add the following new claims.

9. (New) A mixing apparatus according to claim 2, the first and subsequent alternate levels being in a fixed position and the second and subsequent alternate levels being moveable.--

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--10. (New) A mixing apparatus according to claim 2, the first and subsequent alternate levels being moveable and the second and subsequent alternate levels being in a fixed position.--

--11. (New) A mixing apparatus according to claim 1, wherein M=2 and N=3.--

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--12. (New) A mixing apparatus according to claim 2, wherein M=2 and N=3.--

--13. (New) A mixing apparatus according to claim 3, wherein M=2 and N=3.--

--14. (New) A mixing apparatus according to claim 4, wherein M=2 and N=3.--

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**REMARKS**

An early and favorable response is earnestly solicited.

No fee is believed to be due, however, should a fee become due the Commissioner is hereby authorized to deduct any fee associated with this filing from Deposit Account No. 500624.

Respectfully submitted,

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